

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/001082

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: A61L 27/40, A61L 27/54

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: A61L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, CHEM.ABS.DATA, SCISEARCH

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	Biomaterials, volume 25, 2004, P. Tengvall et al: "Surface immobilized bisphosphonate improves stainless-steel screw fixation in rats", pages 2133-2138	1-10
E	Biomaterials, volume 26, 2005, Hiroshi Kajiwar et al: "The bisphosphonate pamidronate on the surface of titanium stimulates bone formation around tibial implants in rats", pages 581-587	1-10
A	Biomaterials, volume 22, 2001, M. Yoshinari et al: "Immobilization of bisphosphonates on surface modified titanium", pages 709-715	1-10

☒ Further documents are listed in the continuation of Box C. ☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"B" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

25 October 2004

Date of mailing of the international search report

02-11-2004

Name and mailing address of the ISA/

Swedish Patent Office

Box 5055, S-102 42 STOCKHOLM

Facsimile No. +46 8 666 02 86

Authorized officer

Monika Bohlin/Els

Telephone No. +46 8 782 25 00

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	Biomaterials, volume 23, 2002, M. Yoshinari et al: "Bone response to calcium phosphate-coated and bisphosphonate-immobilized titanium implants", pages 2879-2885 --	1-10
A	Journal of Materials Science: Materials in Medicine, volume 13, 2002, A. Ganguli et al: "The interactions of bisphosphonates in solution and as coatings on hydroxyapatite with osteoblasts", pages 923-931 --	1-10
A	WO 02098307 A1 (THE ROYAL ALEXANDRA HOSPITAL FOR CHILDREN), 12 December 2002 (12.12.2002), page 3, line 7 - line 16; page 4, line 8 - line 12; page 6, line 8 - line 18, abstract, claims --	1-10
A	WO 0240074 A1 (UNIVERSITE DE GENEVE ET AL), 23 May 2002 (23.05.2002), abstract, claims --	1-10
A	WO 9414455 A1 (MERCK & CO., INC.), 7 July 1994 (07.07.1994), page 9, line 17 - line 34, abstract, claims --	1-10
A	US 5972913 A (ASHLEY J. YATES), 26 October 1999 (26.10.1999), column 4, line 36 - line 56, abstract, claims --	1-10
A	US 6214049 B1 (GREGORY G. GAYER ET AL), 10 April 2001 (10.04.2001), abstract, claims --	1-10
A	WO 0204038 A1 (HOPITAL ORTHOPEDIQUE DE LA SUISSE ROMANDE ET AL), 17 January 2002 (17.01.2002), abstract, claims --	1-10

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 0033849 A1 (ROCHE DIAGNOSTICS GMBH), 15 June 2000 (15.06.2000), abstract, claims --	1-10
A	WO 0064516 A1 (HYDROMED SCIENCES), 2 November 2000 (02.11.2000), abstract, claims --	1-10
A	US 4553974 A (MRINAL K. DEWANJEE), 19 November 1985 (19.11.1985), abstract, claims --	1-10
A	Colloids and Surfaces B: Biointerfaces, volume 28, 2003, Pentti Tengvall et al: "Preparation of multilayer plasma protein films on silicon by EDC/NHS coupling chemistry", pages 261-272 -- -----	6-8

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